

Claims

I claim:

1. A method for simulating multiple personalities,
comprising the steps of:
 - (a) representing each of several personalities as
overlapping portions of a graph in computer memory;
 - (b) representing words as nodes in said graph;
 - (c) using flags at each said node to associate said
node to a subset of said personalities; and
 - (d) matching queries against said graph by scanning
for nodes that are active for a given personality;whereby a multitasking computer system can process natural
language sentences associated to a multitude of
personalities.
2. The method of claim 1, further comprising serving links
to images along with said responses.
3. The method of claim 1, further comprising compressing
said flags at each said node into an abbreviated
encoding.

4. The method of claim 3, where said abbreviated encoding is a run-length encoding.
5. The method of claim 1, further comprising adding a new personality by adding new nodes and extending said flags at said common nodes.
6. The method of claim 1, further comprising adding and deleting personalities, and performing garbage collection to reclaim memory from deleted personalities.
7. The method of claim 1, further comprising using Lisp programming to access said graph and program said pattern matching.
8. The method of claim 1, further comprising communicating across a messaging service.
9. A computer-readable medium storing a computer program implementing the method of claim 1.
10. A computer-readable medium storing a computer program implementing the method of claim 4.
11. A method for attracting users to a web site, comprising:
 - (a) signing up users to a web page with an identifier;
 - (b) maintaining a database with a plurality of personalities;

- (c) providing tools for properly identified users to edit one of said personalities;
- (d) and responding to a natural language query by simulating one of said personalities.

12. The method of claim 11 wherein one of said personalities mimics a well-known celebrity.

13. A computer-readable medium storing a computer program implementing the method of claim 11.